

The 50 MHz DX Bulletin

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The 50 MHz DX Bulletin was founded by Harry Schools KA3B. It is dedicated to the understanding and utilization of long distance propagation in the 6-meter Amateur band. The current editor and publisher is Victor Frank, K6FV. Subscription rates are \$20 U.S. third class mail, \$25 U.S./Canada/Mexico airmail, \$25 by surface and \$30 by airmail elsewhere for 12 issues. Circulation matters and DX reports should be sent to Victor R. Frank, K6FV, 12450 Skyline Blvd., Woodside, CA 94062-4541 USA or to P O Box 762, Menlo Park, CA 94026 USA. My Internet address is frank@sneaky.sri.com. The bulletin may be freely quoted, provided that credit is given.

Sunspot Minimum May 1996?

The January 14 NOAA Preliminary Report and Forecast of Solar Geophysical Data listed smoothed sunspot numbers (RI) of 8.6 centered on April 96, 8.1 on May, and 8.6 on June. The lowest smoothed sunspot indices number for the previous cycle (21) was RI=12.3 (September 1986). WA5QCP comments, "Smoothed SSN up to 9 for Jun '96. Also looks like 9 for July '96 based on solar flux so far this month."

Fieldhunter's List Info

SM5INC is the keeper of lists of standings of grid fields worked by radio amateurs on VHF. Compiled quarterly since 1982, the list shows the situation on March 31, June 30, September 30 and December 31 at 2400 UTC. This 50 MHz list is from one (VHF) of four sponsored by the Swedish Sending Amateurs. The others are HF (part I and II), and UHF/SHF. Johnny posts on the Internet lists quarterly for each VHF/UHF/SHF amateur band, including 70 MHz and 900 MHz.

The 50 MHz standings as of December 31, 1996 appear to the right of this column. In the list, the columns are: Position on list; Callsign; The station's own field; Number of fields worked; and Date last updated.

Readers are reminded that a grid **field** is a block of 10° latitude by 20° longitude, and is the first two letters of a grid **square** as determined by the Maidenhead Locator System. A world map showing the 324 fields can be found in "The Radio Amateur's World (Locator) Atlas", that normally should be available at your national amateur radio society.

Please send your info as soon as possible to SM5INC, Johnny Ryden, Rombergsgatan 39, S-745 33 Enkoping, SWEDEN. Phone +46-17127883. Packet SM5INC @ SK5BB.#AROS.U.SWE.EU. E-mail: jr@abc.se

RULES:

1. All fields must have been worked via passive reflectors.
2. All stations involved must be on the earth's surface.
3. QSL cards are not required if you are certain that the other station considers the QSO to have been completed.
4. All QSOs must have been worked from points within a circle of 1000 km radius.
5. There is no starting date for contacts to be eligible.

Fieldhunter's List

50 MHz Standings as of December 31, 1996
by Johnny Ryden, SM5INC

Rank	Call	Field	Fields	YYMM	Rank	Call	Field	Fields	YYMM
1	JALVOK	QM	112	9309	Y02IS	KN	32	9410	
2	JA6RJK	PM	93	9302	SM7JUQ	JO	31	9506	
3	JA6TEW	PM	88	9204	W6YLL	CM	31	9503	
	NI6E/KH6	BK	88	9205	PA0ION	JO	30	9501	
5	WA6BYA	CM	86	9511	Y07VS	KN	29	9611	
6	PY5CC	GG	82	9503	PA3GML	JO	28	9507	
7	GJ4ICD	IN	76	9608	VK3ALM	QF	28	9508	
8	W5OZI	EM	74	9405	ES6QB	KO	27	9510	
9	K5AM	DM	72	9606	VE7SKA	CN	27	9608	
10	SV1DH	KM	71	9408	KB6NAN	CM	26	9607	
	WA1CUB	FN	71	9601	OZ1IZB	JO	26	9410	
12	VK4APG	QG	70	9612	VE6XT	DO	26	9607	
	W4DR	FM	70	9602	Z23JO	KH	26	9608	
14	K1TOL	FN	69	9503	SM7NNJ	JO	25	9406	
	NOLL	EM	69	9408	WB7QBS	CN	25	9609	
	N5JHV	DM	69	9605	GJ3RAX	IN	24	9609	
17	SM7FJE	JO	68	9505	OZ1IEP	JO	24	9510	
	T12NA	EJ	68	9503	DL3YEE	JO	23	9504	
	VK3OT	QF	68	9612	DL8EBW	JO	22	9404	
20	K0US	EN	67	9405	NOHJZ	EN	22	9607	
	ON4KST	JO	67	9507	SM4POB	JP	22	9606	
22	G3WOS	IO	66	9512	G6MXL	IO	21	9411	
23	G4UPS	IO	65	9610	KL7GLL/W4	FM	21	9509	
	SM7AED	JO	65	9507	N5HHS	EL	21	9609	
25	G4IGO	IO	64	9608	NL7XM	FN	21	9507	
	PA3BFM	JO	64	9606	ES5MC	KO	20	9510	
	SM7BAE	JO	64	9507	OH1AJ	KP	20	9507	
28	DL7AV	JN	62	9610	WA9PWP	EN	20	9611	
29	KH6HH	BL	61	9505	DL3AMA	JO	18	9503	
	PA0RDY	JO	61	9412	DL5BBL	JO	18	9507	
	W3EP	FN	61	9601	EI7GL	IO	18	9604	
32	JM1SZY	PM	59	9609	ON4FZ	JO	17	9409	
33	K1GPJ	FN	59	9503	PE1EBJ	JO	17	9603	
	S59A	JN	59	9404	PE1OGF	JO	17	9611	
35	G0JHC	IO	58	9507	SM5NVF	JO	17	9605	
	WB8YFE	EN	58	9507	WB8RUQ	EN	17	9606	
37	W7HAH	DN	57	9610	DL1EJA	JO	16	9611	
	WB4DBB	FM	57	9507	DL7ANR	JO	16	9604	
39	G3OIL	IO	56	9611	G4DCJ	JO	16	9608	
	OZ3ZW	JO	56	9411	G8DCJ	IO	16	9509	
	WA5IYX	EL	56	9508	KD4GVW	EM	16	9505	
42	K0TLW	EM	55	9508	ES1CW	KO	15	9510	
	WOKEA	DM	55	9509	ES5RY	KO	15	9510	
	W3ZZ	FM	55	9601	G4MJS	IO	15	9506	
45	W4AAYS	FN	53	9408	N7YAP	DN	15	9605	
46	G4IFX	IO	52	9510	SM3VEE	JP	15	9610	
	I5MXX	JN	52	9504	SM6MPA	JO	15	9508	
	PA3FYM	JO	52	9410	XE1AVM	DK	15	9612	
	WA2TEO	FN	52	9604	ES5DE	KO	14	9510	
50	DJ3TF	JN	51	9601	G8CDW	JO	14	9511	
	KE7CX	CN	51	9605	KB0MJD	DN	14	9602	
	ZS6WB	KG	51	9405	N8ZJN	EM	14	9611	
53	PA2TAB	JO	49	9502	133 KORZ	DM	13	9501	
54	I0CUT	JN	48	9504	N0WVU	DM	13	9607	
	PE1LCH	JO	48	9607	WA1ECF	FN	13	9611	
	WA5QCP	DM	48	9509	136 ES2RW	KO	12	9510	
57	K6EID	EM	47	9508	ES5QA	KO	12	9510	
	W3IWU	FN	47	9412	ES6PZ	KO	12	9510	
	ZL3AAU	RE	47	9508	OH2BNH	KP	12	9407	
60	G4HBA	IO	46	9502	140 KO6ET	DM	11	9508	
	K6FV	CM	46	9509	SM5INC	KO	11	9403	
62	KY5N	EM	44	9612	142 ES0SM	KO	10	9510	
	W3OTC	FM	44	9602	KB0QDK	DN	10	9602	
	W9JUV	EN	44	9611	OZ1CJX	JO	10	9602	
65	N5BBO	EL	43	9606	PE1MJR	JO	10	9409	
	S59F	JN	43	9608	SM5PPS	JO	10	9507	
	VK6HK	OF	43	9510	147 ES1II	KO	9	9510	
68	K9LCR	EN	42	9601	ES5PC	KO	9	9510	
69	N5HHS	EM	40	9609	SM4HEJ	JO	9	9602	
	SM3EQY	JP	40	9508	VE2PIJ	FN	9	9607	
71	K0CJ	EN	39	9602	XE1KK	EK	9	9601	
72	SM0KAK	JO	38	9608	152 ES2RJ	KO	8	9510	
73	N8NQS	EN	37	9502	NH6YK	BL	8	9601	
74	KA7MCX	CN	36	9609	OZ2AEV	JO	8	9606	
	KH2CY	FM	36	9610	155 NH6YK/KH4	AL	7	9601	
	OZ5IQ	JO	36	9508	156 SM5KUX	JO	6	9506	
77	GW6VZW	IO	35	9605	157 ES1AW	KO	5	9510	
	K8UNV	EM	35	9508	ES1HW	KO	5	9510	
79	OH1LEU	KP	34	9506	ES2XM	KO	5	9510	
80	OH5IY	KP	32	9408					

December 96-January 1997 DX Reports

The following reports of 50 MHz and higher DX propagation are courtesy of SM7AED's *Six-metre Info*, JA1VOK's columns *World VHF News* in FIVE NINE and *V,UHF DX Topics* in MOBIL HAM, VK3OT, ZL1MQ, XE2HWB, XE1KK, VE7SKA, SP5XMU, K6QXY, W0MTK, and postings on the Internet. Apologies to any sources I may have inadvertently neglected.

The first entry is *mmddhhii*, where *mm* is the month, *dd* is the day of the month, *hh* is the hour UTC, and *ii* is the minutes after the hour. The year is understood to be 1996, unless the month is 01 (then it is 1997). A + to the right of the time indicates the observation was one of several in a time period and is probably later than the time reported. A ~ indicates approximate time. The grid square of the observing station may occur after a > symbol; however a time after > indicates the opening was still in progress at this time. A t indicates tentative identification of a TV station. Symbols just before the call of the reporting station include: V=Video Carrier, I=Inband video sidebands, F=FM audio, A=Baby room monitor, B=beacon, C=CW, D=Digital, P=Cordless Phone, S=SSB, T=Television, W=mode not mentioned, H=heard only.

Reports of Africa

BURUNDI: GJ4ICD (via SM7AED) writes that 9U5DX (ex F1FHI) has 10W to a dipole (on 6).

GHANA: SM7AED writes that 9G1YR has a FT736. "No time fixed."

NAMIBIA
12151425 V51VHF -1435 50.0185 B ZR1EV

REUNION IS.: SM7AED writes to look for Yvon, FR1GZ, who has 10W to a 5el Yagi.

UGANDA: DX reports indicate that Gus, 5X1D will return to Uganda the end of January and will try 2m EME with 500W and 17 el Yagi in addition to his usual 6m activities.

SOUTH AFRICA
12170755 ZR6MD -0820 ZR1EV
12170755 ZR6PVW -0820 ZR1EV
12170755 ZS6DN -0820 50.050 B ZR1EV
12170755 ZS6TWB -0820 B ZR1EV

Reports of Asia

ASIA, GENERAL

12250330 ASIAN 51 SLOW QSB 49.750 V VK3OT
12250425 ASIAN TV PAL BS N 55.250 V VK3OT
12270430 ASIAN VID Es/TEP 49.750 V VK3OT
01122300 ASIAN VID 48.2396/2400 V VK3OT
01150436 ASIAN TV Weak 539 49.750 V VK3OT
01180500 ASIAN V 539 49.7500 V VK3OT
01180500 ASIAN V 539 49.7502/.7508 V VK3OT
01180500 ASIAN V 559 49.7467/.7484 V VK3OT
01180515 ASIAN V 559 49.7520 V VK3OT
01180515 ASIAN V 559 drift 49.7483 V VK3OT
01180535 ASIAN V 559 49.750/49.7487 V VK3OT
01200800 ASIAN TV 48.2396/48.2496 V VK3
01200800 ASIAN TV > QF12 48.2500 V VK3
01200830 ASIAN TV E2 48.2402 V VK1RX
01200836 ASIAN TV E2 48.2400 V VK3AMK
01200845 ASIAN TV ES 48.2490 V VK3OT
01200845 ASIAN TV weak 48.2496/2502 V VK3OT
01200853 ASIAN TV vy weak 49.7502 V VK3OT
01200900 ASIAN TV vy strong 48.2409 V VK3OT
01200915 ASIAN TV < 1000 49.7504 V VK3OT
01200930 ASIAN TV 339 NW 49.7504 V VK3OT

CHINA

12260415 BY-TV 559	49.750	V	VK3OT
12260530 BY-TV 599	49.7491/49.7464	V	VK3OT
12260530 BY-TV 599+	49.7506	V	VK3OT
01180450 BY-TV 559	49.7508	V	VK3OT

MALDIVE IS.: SM7AED writes to look for 8Q7QQ, operated by Pierre, HB9QQ, in "Spring 1997."

JAPAN

12141500 JA7 (3), JA8 -1700	50.150	H	JR3HED
12150457 JA2IGY >RF70	50.010	B	ZL2TPY
12280823 JA6IFK (PM52) (Es)	50.200	S	JA1VOK
12280825 JN6MYH (PM53) (Es)	50.163	S	JA1VOK
12280830 JO6EXF (PM52) (Es)	50.240	S	JA1VOK
12280837 JL6STG (PM51) (Es)	50.248	S	JA1VOK
12280841 JA6HLR (PM51) (Es)	50.207	S	JA1VOK
01020900 JA6YBR PM51 -1100	50.017	B	ZR6VE
01110220 JR6YAG (PL36)	50.037	B	JA1VOK
01120847 JR6YAG	50.037	B	JA1VOK
01150316 JA2IGY 55	50.009	B	VK3
01150349 JA3JTG 53 clg CQ	50.111	H	VK3OT
01150353 JA5CMO 539			VK3OT
01150405 JA3JTG 539 PM75 Kazu	50.110	C	VK3OT
01150418 JF2HEV 549	50.111	H	VK3OT

KOREA,S.

11230823 HL1LTC	50.110	S	JE2XBY
12250822 HL1LTC	50.110	H	JA2+
12250822 HL1LTC >PM85	50.110	H	JE2DWZ
01110125 HL1LTC (PM37)	50.110	S	JA1VOK
01110302 DS1BJU (PM37)	51.020	F	JA1VOK

MALAYSIA, GENERAL

12260500 9M-TV 559 48.2496/48.2500	V	VK3OT	
12260545 9M-TV to Adelaide	48.250	V	VK5LP/ZLX
12260600 9M-TV 599+ 310° 48.25/.2502	V	VK3OT	
01122300 9M Video 539 48.2402	V	VK3OT	
01180240 9M-TV 339 48.2396/48.2400	V	VK3OT	
01180330 9M-TV 339-319 DSP 48.2396	V	VK3OT	
01180500 9M-TV 319 DSP	48.2496	V	VK3OT

RUSSIAN FEDERATION (ASIA)

12150457 UA0 ch1	49.75	V	ZL2TPY
12270521 UA-TV 559 Vladivost.	49.750	V	VK3OT
01150245 UA-TV 59 Sakhalin Is	49.750	V	VK3OT
01180450 UA-TV 559	49.7496	V	VK3OT
01180547 UA-TV 339 Moscow?	49.7475/+	V	VK3OT
01180547 UA-TV? 579 SECAM	49.7467	V	VK3OT
01180615 UA-TV? 319	49.7502	V	VK3OT
01180615 UA-TV? 320° 599 SEC	49.7467	V	VK3OT
01200700 UA-TV R1	49.747	V	VK3OT

TAIWAN

12030418 BV2FG/B	50.001	B	JE2XBY
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Reports of Europe

BELGIUM

01201100-ON	S	GM3JIJ
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DENMARK	S	GM3JIJ
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ENGLAND

12020850 G4UPS IO80 > J065 MS	SM7AED
12030850 G4UPS, 0855 G3CCH IO93 MS	SM7AED
12040850 G4UPS, 0858 G3CCH MS	SM7AED
12050548 G3CCH IO93 > J065 MS	SM7AED
12070848 G4UPS, 0856 G3CCH MS	SM7AED
12080820 G4UPS, 0826 G3CCH MS	SM7AED
12130852 G4UPS, 0856 G3CCH MS	SM7AED
12160855 G3CCH MS	SM7AED
12170858 G3CCH MS	SM7AED
12190548 G3CCH MS	SM7AED
12200848 G4UPS, 0858 G3CCH MS/SCAT	SM7AED
12220828 G4UPS MS	SM7AED
12250854 G4UPS, 0858 G3CCH MS	SM7AED
12260550 G3CCH MS	SM7AED
12270850 G4UPS, 0900 G3CCH (H) MS	SM7AED
12280858 G4UPS, 0900 G3CCH MS	S SM7AED

GERMANY
01201100-DL S GM3JIJ

GREECE
01191700 SV1OH 559 H SP5XMU
01191700 SV1SIX 559 B SP5XMU

ITALY
12132112 IW5BML > JO65 MS SM7AED
01191700 I H SP5XMU

NETHERLANDS
01201100-PA S GM3JIJ

POLAND
12132151 SP2NJE > JO65 MS SM7AED
12132200 SP7DSB JO9 > JO65 MS SM7AED
01201100-SP S GM3JIJ

PORTUGAL
0119XXXX CS1ASP 50.030 B G0JHC

SCOTLAND
01101630 GB3LER 51A > IO85JV 50.064 B GM0WDD

SERBIA
12130852+YT1AU KNP4 > JO65 MS SM7AED

SWEDEN
12132100 SM5GJB JP80 > JO65 MS SM7AED
12220834 SM3BIU JP73 > JO65 MS SM7AED

Reports of North America

This month's TV and FM DX reports via Es were submitted by Pat Dyer, WA5IYX, San Antonio, TX and Danny Oglethorpe, Shreveport, LA.

CANADA
12232225-VE1PYE > FN12LF H WA2BPE
01070415 VE6 DO33 > DO31 AU 50.125 VE6EKP
01110703 VE4 VE9AA

GUATEMALA
12260042 TG? Guatemala C 94.9 91.9 F WA5IYX

MEXICO
10231832 XHBC 3 BCN Mexicali 1022 T WA5IYX
11020032 XE1KK 599 EK09 > EK44 TG9SO
11060115 XE1KK 599 EK09 > EM21 TX WA5JCI
11060117 XE1KK EK09 > K6YK
11060117 XE1KK EK09 > DM43 AZ W7RV
11080000 XE1KK 599 EK09 > EJ79 TI2NA
11272315 XE1KK 599 EK09 > EJ79 TI2NA
12020101 XHIXG 2 GR Ixtapa 835 T WA5IYX
12080100 XE1KK 599 EK09 > EM48 MO WA0KBZ
12092020 unIDs 2,4 XEW, TV Azteca T OGLETHORPE
12092132 XHI 2 CI Torreon 700 T WA5IYX
12092150 XHBS 4 SI/SO XEW T OGLETHORPE
12100005 XHBC 3 BCN Mexicali 1022 T WA5IYX
12100030 XEHvt 2 Hard to read T OGLETHORPE
12100054 XE1KK 599 EK09 > DM43 AZ W7RV
12100235 unIDs 2,4 XEW, et.al. T OGLETHORPE
12100305 unID 5 Mexico T OGLETHORPE
12110248 XE1KK 599 EK09 > DM07 N7STU
12111019 XE1KK 599 EK09 > EM12 N5LUI
12111034 XE1KK 599 EK09 > EM48 MO WA0KBZ
12111900 unIDs 2 Mexico T OGLETHORPE
12111900 XHATU 5 JAL XHGC-5 1000 T OGLETHORPE
12111900 XHG 4 JAL Guadalajah.1003 T OGLETHORPE
12111935 XHPVE 4 JAL Vallarta 1080 T OGLETHORPE
12112043 XE1KK 599 EK09 > EL09 TX W5VY
12112105 XHFM 2 VER 1243 T OGLETHORPE
12112135 XHP 3 PU Puebla 715 T WA5IYX
12112152 XHAP 2 GU Acapulco 870 T WA5IYX
12112227 XHHHN 2 ?? T WA5IYX
12112323 XE1KK 599 EK09 > EJ70 TI2JHQ
12112327 XE1KK 559 EK09 > DM93 TX WD5BST
12120010 XE1KK 519 EK09 > GG54 PY5CC

12120011 XE1KK 599 EK09 > EJ79 TI2NA
12120012 XE1KK 599 EK09 > TX WD5K
12120141 XE2OR DL98 NAVA COAH50.125 S XE1AVM
12120220 XE1KK 599 EK09 > DL98 COA KE2OR
12120300 XHFM 2 VER 1243 T OGLETHORPE
12120324 XHG 4 JAL 1080 T OGLETHORPE
12140005 unIDs 2,4,5 Mexico T OGLETHORPE
12140030 XHLEG 4 Guanajuauto 916 T OGLETHORPE
12140045 XEWO 2 JAL 1003 T OGLETHORPE
12140045 XHG 4 JAL 1003 T OGLETHORPE
12140158 XHFM 2 VER 1243 T OGLETHORPE
12150004 XE1KK 599 EK09 > EL49 LA W5UUD
12150015 XHFB 2 VER 1243 T OGLETHORPE
12150043 unID 6 CanalTrece T OGLETHORPE
12150101 XE1KK 599 EK09 > DM43 AZ W7RV
12150105 XE1KK 599 EK09 > EM12 TX W5RWU
12150120 XHG 4 JAL 1003 T OGLETHORPE
12150147 XE1KK 599 EK09 > EM25 K5CM
12150230 XE1KK 599 EK09 > EM14 OK K5ZXE
12151748 XE1KK EK09 > DM43 AZ AA7A
12160123 XHBC 3 BCN Mexicali 1022 T WA5IYX
12160129 unID 2 TV7; S T OGLETHORPE
12160324 XE1KK EK09 > DM43 AZ W7RV
12170258 XE1KK EK09 > DM43 AZ W7RV
12201654 XE1KK 579 EK09 > DM62 NM N5JHV
12201729 XHBC 3 BCN Mexicali 1022 T WA5IYX
12252115 unID 2,3 SW - Mexico T WA5IYX
12252307 X? Acapulco 103.9 F WA5IYX
12252315 X? Acapulco 93.7, 97.7 F WA5IYX
12252342 X? Acapulco 96.9, 94.5 F WA5IYX
12252347 X? Acapulco 99.3 F WA5IYX
12260000 X? Chiapas? 89.5 F WA5IYX
12240042 XE1KK EK09 > DM43 AZ AA7A
12240200 XE1KK 599 EK09 > DK89 COL XE1J
12242345 XE1KK 579 EK09 > EK08 MEX XE1/VE7QRZ
12252300 XE1KK EK09 > EL09 TX WA5IYX
12252331 XE1KK EK09 > EM12 TX KY5N
12252358 XE1KK 579 EK09 > DM62 NM N5JHV
12260015 XE > EM21 WA5JCI
12260016 XE1J WA5IYX
12260117 XE1DDD WA5IYX
12260148 XE1/VE7KRZ TOLUCA > DL44 H XE2HWB
12260220 XE2EED DM12 W N7EIJ
12301744 XE2EED ROMAN DM12 50.125 W W0MKT

United States, W1,2,3

12120113 KA3VLG > DK39 50.125 S XE1AVM
12291540 W3/4 FM17,18,19 W CO2OJ
01082245 W3 > EM21 -0015 WA5JCI
01090000 W2 FN30,FN20 > EM48 WA0KBZ
01090000 W3/4 FM18 > EM48 WA0KBZ

United States, W4

11052315 WBTV 3 NC Charlotte 1090 T WA5IYX
11052326 WSB 2 GA Atlanta 886 T WA5IYX
12100045 WPBT 2 FL 939 T OGLETHORPE
12101900 WCBD 2 SC Charlesto 1139 T WA5IYX
12102355 WEHST 2 FL T OGLETHORPE
12102355 WPBT 2 FL 939 T OGLETHORPE
12120207 W4/N2VC EM66 > DK39 50.125 S XE1AVM
12130025 WESH 2 FL 789 T OGLETHORPE
12130045 WJXT 4 FL 728 T OGLETHORPE
12130050 WPBT 2 FL 939 T OGLETHORPE
12130055 WFOR 4 FL 939 T OGLETHORPE
12130055 WPTVT 5 FL T OGLETHORPE
12130059 WCBD 2 SC Charlesto 1139 T WA5IYX
12140028 WEDU 3 FL Tampa 994 T WA5IYX
12160200 WESHT 2 FL NBC T OGLETHORPE
12160225 WPBT 2 FL 939 T OGLETHORPE
12201353 WSAV 3 GA Savannah 1040 T WA5IYX
12201429 WCBD 2 SC Charlesto 1139 T WA5IYX
01051700-KE4SIX EM83 > FN65 50.078 B VE9AA
01051700-W4 EM83, FM06 > FN65 VE9AA
01060005 W4 > EM21 WA5JCI
01111700 W4 EM90 > EM48 KOAZ
01111800 W4 > EM21 -1900 WA5JCI
01111925 W4 FL > MI EM70>EN74 .125 N8CGY
01111937 W4 S.FL > NJ FN21 N2QXF
01112130 WA4CHA EL88 > FM29 144 K3GNC
01112135 W4CHA EL88 > FN31MP 144 WZ1V
01112140 KD4ZAT EL99 > FN31MP 144 WZ1V
01112144 WA4LOX EL87 > FN31MP 144 WZ1V

01112145 WB4JEM EL89 > FN31MP 144 WZ1V
 01120107 KF4JZH EM92 > EM48 WA0KBZ
 01120117-WA4KXY EM84 > EM48 WA0KBZ
 01120117-KJ4E EL98 > EM48 WA0KBZ
 01120122 WA4GLB EM92 > EM48 MO C WA0KBZ
 01120223 W4/WB2QLP EL96 > EM48 C WA0KBZ
 01120223-W4/W2VDI EL86 > EM48 C WA0KBZ
 01120223-W4/W3BTX EL98 > EM48 C WA0KBZ
 01122130 WA4LOX EL87 > FM29 144 K3GNC

United States, W5

12100300 KDBC 4 TX 746 T OGLETHORPE
 12111720 W5VY EL09 SanAntonio .125 S XE1AVM
 12111731 K5UGM EM12 50.125 S XE1AVM
 12111736 KB5IUH EL29 JOHN 50.125 S XE1AVM
 12111737 K5OGE EM20 GEORGE 50.125 S XE1AVM
 12111738 N5LUI EM12 Dallas 50.125 S XE1AVM
 12111740 KB5MER EM10 50.125 S XE1AVM
 12111747 W5/W6OSM EM10 BOB 50.125 S XE1AVM
 12111750 KC5VTX EM32 LA ROCK 50.125 S XE1AVM
 12111756 W5/W3XO EM00 BILL 50.125 S XE1AVM
 12111758 W5/WA2FX2 EM10 TX 50.125 S XE1AVM
 12111804 N5BBO EL09 TED 50.125 S XE1AVM
 12111820 W5OZI DM90 -1831 50.0657 B XE1AVM
 12111834 WD5K EM12 Dallas 50.125 S XE1AVM
 12111836 W5ICW EM01 TED 50.125 S XE1AVM
 12111844 KC5MS 50.125 S XE1AVM
 12111846 WD5ITW EM15 JACK 50.125 S XE1AVM
 12111852 W5BK EM11 PAT OK 50.125 S XE1AVM
 12111856 KC5RCW DM72 JIM TX 50.125 S XE1AVM
 12111857 WA5OMD EM10 50.125 S XE1AVM
 12111859 K5HV EM00 HARVEY 50.125 S XE1AVM
 12111901 N5WKW EM15 OK 50.125 S XE1AVM
 12111903 W5GVE EM01 BILL 50.125 S XE1AVM
 12111904 KC5ICS EM15 RON OK 50.125 S XE1AVM
 12111910 WD5BST DM93 Lubbock 50.125 S XE1AVM
 12111922 WA5HGG EL29 Houston 50.125 S XE1AVM
 12111926 KC5OF EL29 Houston 50.125 S XE1AVM
 12111944 W5DO DM65 50.125 C XE1AVM
 12111948 KC5KQF EM93 Lubbock 50.125 S XE1AVM
 12112015 K5SW EM25 STAN OK 50.125 S XE1AVM
 12112019 WA5UUD EL49 JACK LA 50.125 S XE1AVM
 12112021 W5FF DM64 FRED NM 50.125 S XE1AVM
 12112035 KC5OBX DM93 > DK39 50.125 S XE1AVM
 12112036 KC5KBD EM50 IRV LA 50.125 S XE1AVM
 12112039 KC5BRW EM12 JOHN TX 50.125 S XE1AVM
 12112043 W5OZI DM90 -2140 50.0657 B XE1AVM
 12112052 KC5HNI DM93 > DK39 50.125 S XE1AVM
 12112137 K15ST EM40 STEVE 50.125 S XE1AVM
 12112139 KC50AO EL39 LA>DK39 50.125 S XE1AVM
 12112157 N5LUI EM12 KAY 50.125 S XE1AVM
 12112200 W5OZI DM90 -2320 50.0657 B XE1AVM
 12112201 AC5JA EM21 > DK39 50.125 S XE1AVM
 12112228 KK5K EM11 > DK39 50.125 S XE1AVM
 12112244 WB5CHW EM12 JIM 50.125 S XE1AVM
 12112246 K15X EM10 > DK39 50.125 S XE1AVM
 12112249 KB5WDK EL12 > DK39 50.125 S XE1AVM
 12112251 KC5IRF EM12 > DK39 50.125 S XE1AVM
 12112306 W5WK TX > DK39 50.125 S XE1AVM
 12112311 KT5A EM11 A1 50.125 S XE1AVM
 12112315 WD5BST DM93 Lubbock 50.125 C XE1AVM
 12112323 WB5LUA -2341 50.071 B XE1AVM
 12112342 W5OZI DM90 -0120 50.0657 B XE1AVM
 12112344 KC5OLC EM10 Houston 50.125 S XE1AVM
 12120006 N5DBB EM15 OK 50.125 S XE1AVM
 12120009 KC5TAO EL09 CARL 50.125 S XE1AVM
 12120015 WA5VKS EM12 Dallas 50.125 S XE1AVM
 12120017 KC5CPP EM12 FtWorth 50.125 S XE1AVM
 12120020 KB5TKG EM10 Houston 50.125 S XE1AVM
 12120021 KK5RH EM10 Houston 50.125 S XE1AVM
 12120023 N5TML EM14 OK 50.125 S XE1AVM
 12120108 KC5HHN EM10 FRED 50.125 S XE1AVM
 12120122 W5ELJ EM22 ED 50.125 S XE1AVM
 12120129 KC5HTM EM13 50.125 S XE1AVM
 12120133 KM5FA EM10 Houston 50.125 S XE1AVM
 12120134 WC5E EM02 TX 50.125 S XE1AVM
 12120136 W5/WW2R EL09 TX 50.125 S XE1AVM
 12120149 K5GMV DM14 50.125 S XE1AVM
 12120151 W5RWU EM12 Ft Worth 50.125 S XE1AVM
 12120153 W5/WA3APO EL09 TX 50.125 S XE1AVM
 12120154 WB5UBE EM13 50.125 S XE1AVM
 12120156 KB5VQQ EM15 OK 50.125 S XE1AVM

12120158 KK5BI EM11 TX 50.125 S XE1AVM
 12120159 W5FKN EM13 50.125 S XE1AVM
 12120200 N5TSP EM10 Houston 50.125 S XE1AVM
 12120202 N5OK > DK39 50.125 S XE1AVM
 12120204 KB5WDK EL17 HARLY 50.125 S XE1AVM
 12120212 KB5YAJ EM14 > DK39 50.125 S XE1AVM
 12120234 KB5OAI EM22 JERRY 50.125 S XE1AVM
 12120236 KB5WDK EL17 50.125 S XE1AVM
 12120240 W5OZI DM90 -0418 50.0657 S XE1AVM
 12120241 W5EUB EL29 Houston 50.125 S XE1AVM
 12120245 W5/WBOWAG EL29 RICK 50.125 S XE1AVM
 12120313 N5TSP EM10 TX 50.103 S XE1AVM
 12120319 W5RW EM12 50.125 S XE1AVM
 12142304 WB5LUA -0113 50.060 B XE1AVM
 12142308 W5/W3XO EM00 BILL 50.125 S XE1AVM
 12150002 KC5TND EM22 50.125 S XE1AVM
 12150005 W5FKN EM13 50.125 S XE1AVM
 12150007 KC5HNN EM10 FRED 50.125 S XE1AVM
 12150010 KC5CPP EM12 PAUL 50.125 S XE1AVM
 12150012 KC5MRY EM12 50.125 S XE1AVM
 12150037 W5AK EL29? 50.125 S XE1AVM
 12150047 KA5CJJ EM23 50.125 S XE1AVM
 12150048 KC5M EM25 50.125 S XE1AVM
 12152248 W5/N1IRZ DM64 > DL44 S XE2HWB
 12152251 W5FF DM64 > DL44 S XE2HWB
 12230150 W5FF 42A fm N -0210 H W0MTK
 12260326 WA5FUP DM23 W N7EIJ
 01090000 W5 EL09,29 -0220 N8ZJN
 01090000 W5 EM02,12,13,21,22 -0220 N8ZJN
 01090000 W5OZI strong > EM79xx -0220 B N8ZJN
 01090139 W5 EM02, EM10 WKG EM95 H KB8TEJ
 01110215 AB5L DALLAS > N OF DENVER B KFOYJ
 01130130 W5RWU RANDY EM12 50.173 W W0MTK
 01130145 WA5HGG JACK EL29 50.173 W W0MTK
 01130204 W5OZI -0204 B W0MTK
 01141807+W5/W3XO EM00 > EL98 W N8CGY/4
 01260007 KATC 3 LA T Shaftan

United States, W6

10231858 KEYT 3 CA SantaBarb 1295 T WA5IYX
 12110342 KE6ZAK DM06 > DL44 S XE2HWB
 12110343 KD6GIJ DM98 > DL44 S XE2HWB
 12110349 W6/WB5OMF CM98 > DL44 S XE2HWB
 12110350 KD6WVL CM97 > DL44 S XE2HWB
 12110351 WD6WVK CM98 > DL44 S XE2HWB
 12110352 KD6KDS CM95 > DL44 S XE2HWB
 12110359 K6MYC DM06 > DL44 S XE2HWB
 12110400 K6RO DM03 > DL44 S XE2HWB
 12110401 W6IST DM04 > DL44 S XE2HWB
 12110402 K6LGL DM04 > DL44 S XE2HWB
 12110405 KJ6HI DM04 > DL44 S XE2HWB
 12110410 KD6GLJ CM98 > DL44 S XE2HWB
 12110410 W6/WB9AJZ CM87 > DL44 S XE2HWB
 12110414 WA6KLK CM89 > DL44 S XE2HWB
 12110415 W6KH CM97 > DL44 S XE2HWB
 12110427 KF6ARN > DL44 H XE2HWB
 12120137 AA6DO DM13 Riverside 50.125 S XE1AVM
 12160235 KCBS 2 CA LosAngele 1186 T WA5IYX
 12170234 N6XQ DM04 > DL44 S XE2HWB
 12170238 KJ6HI DM03 > DL44 S XE2HWB
 12170243 K6GMV DM41 > DL44 S XE2HWB
 12170258 KE6FDL DM34 > DL44 S XE2HWB
 12170300 AA6ABD DM13 > DL44 S XE2HWB
 12230241 WA6MSC GARMAN > DM59 50.133 W W0MTK
 12230246 N6KBX DON CM98>DM59 50.173 W W0MTK
 12232016 W6/WB9AJZ H W0MTK
 12240241 CA MUF 96.9 93.5 F WA5IYX
 12260XXX W6 DM03,04,12,13,14 N7EIJ

United States, W7

12100107 KVBC 3 NV Las Vegas 1052 T WA5IYX
 12100120 KUTV 2 UT 1160 T OGLETHORPE
 12100125 KSLt 5 UT T OGLETHORPE
 12100125 KTVxt 4 UT T OGLETHORPE
 12100240 KVOA 4 AZ 1045 T OGLETHORPE
 12100328 KPHO 5 AZ 1065 T OGLETHORPE
 12110140 KTVxt 4 UT T OGLETHORPE
 12110140 KUTvt 2 UT T OGLETHORPE
 12111925 W7RV DM43 AZ TOMMY 50.125 S XE1AVM
 12112024 W7AFF AZ > DK39 50.125 S XE1AVM
 12120103 WF7S DM41 50.125 S XE1AVM
 12120107 KD7GC DM33 Phoenix 50.125 S XE1AVM

12120245 KNAZ 2 AZ 1045 T OGLETHORPE
 12150110 W7CI DM41 > DK39 50.125 S XE1AVM
 12201654 KVBC 3 NV Las Vegas 1052 T WA5IYX
 12230202 W7GJ LANCE DN27 > DM59 W WOMTK
 12230202+WA7OPE TIM > DM59 W WOMTK
 12240200 KVBC 3 NV Las Vegas 1052 T WA5IYX
 12260XXX W7 2350 DM33 N7EIJ
 12301740 W7AKU DOUGLAS AZ 50.140 W WOMTK
 01020439 W7/WSOF DM34 > CN88 50.125 S VE7SKA
 01020452 K7XD 58 CN85 > DM59 H WOMTK
 01020503 KC7QIK JEFF CN85 50.150 WOMTK
 01020515 WX7R > DM59 H WOMTK
 01020519 KB7YVS DN40 UT>CN88 50.125 S VE7SKA
 01111946 W7GJ LANCE 52 DN27 > DM59 H WOMTK
 01112330 W7GJ - 2350 H WOMTK

United States, W8

11241424 WJBK 2 MI Detroit 1238 T WA5IYX
 11242012 WDTN 2 OH Dayton 1076 T WA5IYX
 12120053 WA8FTA EN52 0057 CW 50.125 S XE1AVM
 12131458 WJBK 2 MI Brief 904 T OGLETHORPE
 01082245 W8 > EM21 -0015 WA5JCI

United States, W9

11290143 WISC 3 WI Madison 1062 T WA5IYX
 12120110 N9TZZ 50.125 S XE1AVM
 12120115 N9ZAW IL > DK39 50.125 S XE1AVM
 12230145+N9WXW DON EM59 > DM59 W WOMTK
 01082245 W9 > EM21 -0015 WA5JCI
 01141807+W9 EN52,EN61 > EL98 W N8CGY/4

United States, W0

10160158 KOTA 3 SD RapidCity 1039 T WA5IYX
 11290143 KGAN 2 IA CedarRapid 960 T WA5IYX
 12080028 KMTV 3 NE Omaha 829 T WA5IYX
 12120000 KAONNO EM24 -0043 50.060 B XE1AVM
 12120120 KAONNO EM24 -0317 50.060 B XE1AVM
 12120211 KOETC EM27 > DK39 50.125 S XE1AVM
 12120212 W0/KW9KW EM17 50.125 S XE1AVM
 12120230 W0/JRP EM27 > DK39 50.125 S XE1AVM
 12120232 W0/W4FVA EM38 MO 50.125 S XE1AVM
 12120254 WAOKFZ 50.125 S XE1AVM
 12201457 KGAN 2 IA CedarRapid 960 T WA5IYX
 12230145+KAOPAE LARRY EM48 > DM59 W WOMTK
 01031800 KGAN 2 IA CedarRapid 960 T WA5IYX
 01082245 KB0RFS EM57 > FN42LN K1EP/m
 01121946+KOJY H WOMTK

Reports of Oceania

AUSTRALIA GENERAL

12250310 VK 59 49.8297/49.8750 A VK3OT
 12250320 VK 59+Pagers 40.680/40.695 VK3OT
 12250320 VK 59+Pagers 40.750/40.665 VK3OT
 12250320 VK? 55w/QSB Pulsing 42.202 VK3OT
 12260030 VK? 55 49.830 A VK3OT
 12260100 VK-TV0 59+ Locked 51.672 F VK3OT
 12260300 VK-TV0 WIN main sig 51.672 F VK3OT
 12260300 VK-TV0 WIN TVstereo 51.915 F VK3OT
 12260300 VK-TV1 57.240/.260/57.2604 V VK3OT
 12260300 VK-TV2 64.260/64.2604 V VK3OT
 12260400 VK Baby room 49.83/49.850 A VK3OT
 12260600 VK-TV0 BS fm NW 46.240 V VK3OT
 12270400 VK 59 Spur from WIN52.150 F VK3OT
 01010300 VK Paging 559 40.680 D VK3OT
 01010300 VK? MIL 60Hz 59+ 50.110 F VK3OT
 01020145 VK Room Minders 55 49.830 A VK3OT
 01030700 VK-TV 55-79 64.2598/64.250 V VK3OT
 01060710 VK-TV MT BARROW 339 86.200 V VK3OT
 01120005 DDQ-0 599 QG53 46.172 V VK3ALM
 01122200 VK Carrier&data 59 44.695 VK3OT
 01122200 VK Carriers&Data 59 40.695 VK3OT
 01122200 VK Data paging 57 40.747 VK3OT
 01122200 VK paging 59 40.680 VK3OT
 01140000 VKTV 319 FwdScatt 46.172 V VK3OT
 01140100 VKTV 559 46.2400 V VK3OT
 0115XXXX VK-TV weak Es V ZK1AA
 01201135 VK TV Scatt 46.240/46.172 V VK3OT
 01210000 VK-TV0 559 FScatter 46.172 V VK3OT
 01220200 VK-TV0 59+ Sound 51.672 F VK3SIX
 01251100 VK-TV0 529 45.2396/2601 V VK3OT

01251100 VK-TV0 599

46.172 V VK3OT

Australian Capital Territory-VK1

12072333 VK1VP	59/59	S ZL3TY
12110201 VK1VP		ZL2AGI
12110219 VK1MJ		ZL2AGI
12240245 VK1VP		ZL3NE
12250300 VK1RX	55 BSCATTER	50.180 H VK3OT
01030700 VK1BUC	59+	50.150 VK3OT
01030700 VK1RX	59+ Wkg VK3	50.190 H VK3OT
0104XXXX VK1VP		BY ZL1AKW/ZL1TMF/P
01130214 VK1		VK6AO/RO
01130214 VK1RX		50.130 H VK3OT

Australia-New South Wales-VK2

11260223 VK2BRG,	0224 VK2MZ	144	ZL1TWR
12062245 VK2BA		ZL3NE	
12070040 VK2ABW/2		ZL3NE	
12070412 VK2XN	55/55	S ZL3TY	
12070415 VK2PB	59/59	S ZL3TY	
12070420 VK2BA	59/59	S ZL3TY	
12070735 VK2BIT	55/55	S ZL3TY	
12070855 VK2FLI	59/59	S ZL3TY	
12072327 VK2BIT	55/53	S ZL3TY	
12072340 VK2GJC	51/51	S ZL3TY	
12072343 VK2JPC	59/59	S ZL3TY	
12080145 VK2YDC		ZL3NE	
12080218 VK2PB	55/52	S ZL3TY	
12080315 VK2FLI		ZL3NE	
12080637 VK2XN		ZL2AGI	
12080655 VK2ZCV		ZL3NE	
12080740 VK2FZ/4	59/58	S ZL3TY	
12081815 VK2DN		ZL3NE	
12090840 VK2RSY	529	B ZL3TY	
12102040 VK2YDC		ZL3NE	
12102310 VK2BRG		144 ZL3NE	
12102344 VK2BA		ZL3NE	
12110147 VK2BIT		ZL2AGI	
12120015 VK2QE		ZL3NE	
12122100 VK2BA		ZL3NE	
12122125 VK2BA		ZL2AGI	
12130807 VK2BHO		ZL2AGI	
12132340 VK2YLO		ZL2AGI	
12132355 VK2QE		ZL3NE	
12140005 VK2BA		ZL3NE	
12140130 VK2BRC		ZL3NE	
12142240 VK2DN		ZL3NE	
12172155 VK2DN		ZL3NE	
12212155 VK2ZCV, 2200 VK2AFH		ZL3NE	
12220055 VK2DN, 0145 VK2AFH		ZL3NE	
12240045 VK2BRG, 0050 VK2QE		ZL3NE	
12240442 VK2ZAB & 0448		144 ZL1TWR	
12240448 VK2BFB & 0455		144 ZL3NE	
12250240 VK2RSY	319 BSCATTER	52.420 B VK3OT	
12250240 VK2TWR	S of Cooma	50.160 VK3OT	
12250245 VK2RHV	519 Newcastle	52.325 B VK3OT	
12252355 VK2AIF	58/56	S ZL3TY	
12260015 VK2 (N)	59+ Pager	40.67/.68 VK3OT	
12260030 VK2 (N)	55 Farmer	49.770 P VK3OT	
12260030 VK2QE	59 CLG CQ	50.110 VK3OT	
12260045 VK2RHV	559 Newcastle	52.325 B VK3OT	
12260129 VK2BHO	56/56	S ZL3TY	
12260130 VK2QE	55 WKG VK3	50.120 H VK3OT	
12260145 VK2DN		ZL3NE	
12260205 VK2BHE, 0220 VK2DVZ		144 ZL3NE	
12260234 VK2ZC, 0242 VK2TVZ		144 ZL1TWR	
12260242 VK2TVZ		144 ZL1TWR	
12260255 VK2BRG		144 ZL3NE	
12260300 VK2RHV	579	52.345 B VK3OT	
12260300 VK2RSY	559 DuralNSW	52.450 B VK3OT	
12260400 VK2 Illegal Phone		49.740 F VK3OT	
12260400 VK2AT wkg VK3YDE		50.140 S VK3OT	
12262130+VK2RSY	539	B ZL3TY	
12270400 VK2 Short skip Mallacoota		VK3OT	
12270400 VK2RHV	559 Direct	52.345 B VK3OT	
12270400 VK2RSY	519 Scatter	52.420 B VK3OT	
12270430 VK2HT	59+	52.525 F VK3OT	
12270430 VK2RHV	559 Newcastle	52.325 V VK3OT	
01010237 VK2ASI/p	59	50.100 S VK3OT	
01010300 VK2QE		50.110 S VK3OT	
01020200 VK2RHV	QF57	599 52.325 B VK3OT	
01020215 VK2RSY	QF56	599 52.420 B VK3OT	

01030300	VK2EAB	VK2DVE	144	EL3AR
01030700	VK2-TV	599+Shortskip	46.240	T VK3OT
01030700	VK2RHV	559	52.325	B VK3OT
01030700	VK2RSY	319 Boat	52.420	B VK3OT
01031030	VK2	59Pages	40.680/40.665	VK3OT
01031030	VK2-TV	559	46.2400	V VK3OT
01031030	VK2YKA	59 Grafton	50.170	VK3OT
01031100	VK2RSY	599	52.420	B VK3OT
01031110	VK2-TV2	599	62.2496	V VK3OT
01031110	VK2RHV	559 Hunter	V 52.325	VK3OT
01031116	VK2EAB		144	EL3ADT
01031135	VK2BIT	59 Peter	50.150	VK3OT
01031145	VK2RSY	559 Dural	52.420	B VK3OT
0103XXX	VK2AAB		144	EL3NW
0103XXX	VK2DWS	& BY EL3TIC		EL4TBS
0103XXX	VK2EAB	VK2BBF	144	EL3TIC
01040317	VK2/VK4ABW		144	EL1TWR
01040423	VK2XBE	0425 VK2EAB	144	EL3NE
01040426	VK2YUZ	0432 VK2BBF	144	EL3NE
01040435	VK2XXE	0500 VK2EAB	144	EL1TWR
01040514	VK2BBF		144	EL1TWR
01040518	VK2BVS	0523 VK2DXE	144	EL3NE
01040529	VK2KST	0531 VK2DXE	144	EL1TWR
01040530	VK2/VK4ABT		144	EL3NE
01040535	VK2YU8		144	EL1TWR
0104XXXX	VK2DW	BY EL1AKW/EL1TP	EL2WWB	
01060850	VK2RHV	339 BS	52.325	H VK3OT
01061200	VK2-TV0	Cooma 7w	46.2515	V VK3OT
01061200	VK2-TV0	Narooma 500w	46.237	V VK3OT
01062215	VK2-TV0		46.2400	V VK3OT
01062330	VK2FE/4	59		VK3OT
01122355	VK2AT	dir wkg EL3TY	50.150	H VK3OT
01130040	VK2RHV	Burner Valley	52.325	V VK3OT
01130214	VK2			VK6AO/R
01200900	VK2RHV	559newcastle	52.345	B VK3OT
01200900	VK2RSY	Sydney 559	52.420	B VK3OT
01201000	VK2RHV	559 Direct	52.345	B VK3OT
01201000	VK2RSY	Sydney FScat	52.420	B VK3OT
01201015	VK2HZE	working VK5AKK		VK3OT
01210130	VK2 TV	539 Tamworth	46.261	V VK3OT
01220000	VK2/VKA	wkg VK3/5/7	50.110	H VK3SIX
01250500	VK2-TV0	Tamworth NSW	46.261	V VK3OT
01250530	VK2-YO	Northern NSW	>QF12ag	VK3OT
01250930	VK2QZ	into QF01/12		VK3
01251100	VK2YHE	working VK5	50.125	H VK3OT

Australia-Victoria-VK3

Australia-Queensland-VK4

12010130 VK4RGP
 12040030 VK4BRG
 12062230 VK4AFL, 2250 VK4/VK2AFL
 12062300 VK4JH, 2340 VK4DO
 12070050 VK4AFL, 0100 VK4/VK2FZ
 12092337 VK4DO
 12100818 VK4RGG 529
 12102030 VK4AFL, 2035 VK4/VK2FZ
 12102300 VK4/VK2FZ
 12112300 VK4AFL
 12120000 VK4KK
 12120005 VK4/VK2FZ
 12120010 VK4TH
 12120011 VK4/VK2FZ & BY ELLAKJ 14
 12120925 VK4RGG 539
 1212XXXVK4KK
 12132220 VK4GPS 59/57
 12140150 VK4AFL, 0205 VK4ARM
 12140300 VK4ARM, 0305 VK4WTR
 12150435 VK4DGC
 12170300 VK4AFL, 0305 VK4/VK2FZ
 12172144 VK4AFL
 12180215 VK4AFL
 12220010 VK4GPS
 12220130 VK4ARM, 0140 VK4AFL
 12230015 VK4AFL
 12230420 VK4 ch0 46.1
 12230530 VK4JH
 12230810 VK4WTH, 0828 VK4AFL
 12230840 VK4ARM, 0847 VK4ARM
 12250245 VK4-TV 599+Toowoomba 46.17
 12250245 VK4ABP 559 Longreach52.34
 12250245 VK4RGG 559 Merang 50.047
 12250310 VK4ARGG 599 50.057
 12250330 VK4ABP 559 , 52.34
 12250840 VK4KH
 12252310 VK4UDC, 2315 VK4PU
 12260030 VK4GRB 559 Sarina 50.077
 12260030 VK4RGG 599 Merang 50.057
 12260300 VK4RGG 599+ 50.057
 12260300 VK4TEL 59 WKG GIPPSLAND
 12260400 VK4RGG Merang Gold 50.057
 12260430 VK4ABP 559 Longreach52.34
 12260430 VK4ABP 559 Sarina 50.077
 12260500 VK4ABP 529 52.345
 12260755 VK4JH 55/52
 12260810 VK4BMJ 57/53
 12270230 VK4ABP 519 Longreach52.34
 12270300+VK4RGG 559
 12270400 VK4-TV Toowoomba 51.915
 12270400 VK4RGG 599 Merang 50.057
 12270430 VK4RGG 559 Merang 50.057
 10102000 VK4RGG QG62 559 50.058
 1010234 VK4JH QH30 55 50.110
 1010237 VK4ABP QG26 559 52.345
 10102400 VK4 (E) MIL 55 50.110
 1010245 VK4JSR Brisbane 55 50.130
 1010255 VK4-TV QG62 559 46.1718
 1010300 VK4RGG QG62 599 50.058
 1020100 VK4RGG QG62 BS 519 50.058
 1020113 VK4DO BS 559 50.110
 1020145 VK4 Mowbullan 579 46.172
 1020200 VK4ABP QG26 599 52.345
 1020200 VK4BRG QG48 559 50.0775
 1020200 VK4RGG QG62 559 50.058
 1020245 VK4RGG 599 50.058
 1020245 VK4VV 59 50.125
 1020430 VK4-TV3 Townsville 559 87.2704
 1020500 VK4-TV 599+60 46.172
 1020500 VK4ABP 599+ 52.345
 1020500 VK4WDM QH30 55 50.0775
 1020600 VK4APG/E 55 50.130
 1020700 VK4T Δ 0800 55 50.130
 0310300 VK4-TV 559 Scatter B 46.172
 0311005 VK4RGG 339 Scatter 50.058
 0670000 VK4-TV BS East 559 46.172
 0622455 VK4-TVQ McMowbullan 46.172
 0623300 VK4RGG 559
 070200 VK4-TV 599 Toowoomba 46.172
 120115 VK4ABP 539 QG26 52.346
 120118 VK4KMA 59 QG63 50.150
 122200 VK4 TV Video 59 46.172
 122215 VK4PU CQ, 57 50.110
 122245 VK4GPS 50.110
 122300 VK4ABP 579 52.345
 122300-VK4PU 559 50.0775
 122300-VK4RGG 559 50.058
 122320 VK4PU
 122352 VK4BRG wkclg EL4TBZ 50.110
 130030 VK4-TVQ Toowoomba
 140500 VK4-TV 539 FwdScatt 46.172
 140630 VK4ABP 52.345
 140649 VK4BRG QG48 519 50.0775
 140700 VK4-TV 559 46.172
 150000 VK4 59 to
 150000 VK4-TV 59 46.172
 150000 VK4TSL 59 wkg VK3AZY 50.13
 150030 VK4DV 59 50.130
 150230 VK4BRG 59 QG48 50.0775
 150245 VK4ABP 55 QG26Longregz 52.345
 150245 VK4BRG 55 QG488sarina 50.077
 150330 VK4 59 to
 150440 VK4ABP 599 > 0645 52.345
 150530 VK4BRG 539 > 0745 50.0775
 150600 VK4JH QH30 Townsville 50.110
 150610 VK4 QG62 Toowoomba 46.172 V
 150610 VK4PG 50.110
 150830 VK4
 180200 VK4RGG QG62 50.057
 80325 VK4JAP 56- QG56 50.130
 80404 VK4ABP 519 QG26 52.346
 80445 VK4ABP 559 QG26 52.345
 80455 VK4NW 57- QG65 50.120 S

01200845	VK4BRG		VK1RX
01200930	VK4RGG		B VK3OT
01201000	VK4RGG 559	50.058	B VK3OT
01201000	VK4YAR, VK4JSR Brisbane		VK3OT
01201030	VK4JSR 5w 57		B VK3OT
01201135	VK4ABP Longreach		B VK3OT
01201135	VK4DO 539 Proserpine	50.110	B VK3OT
01201200	VK4RGG and VK4ABP weakly		B VK3OT
01202350	VK4RGG 559 to 599	50.057	B VK3OT
01210407	VK4ABP	52.345	B VK3OT
01220000	VK4RGG 599		B VK3S1
01220200	VK4RGG 599 >QF02WH	50.058	B VK3S1
01220730	VK4RGG 599		B VK3OT
01220730	VK4NTH 59 clg XL3NW	50.110	B VK3OT
01220730	VK4NTH 59 clg CQ XZ		H VK3OT
01220740	VK4-TVO 599	46.172	V VK3OT
01220740	VK4BRG 559	50.0775	B VK3OT
01220830	VK4RGG		B VK3OT
01232200	VK4JH > N NSW		W VK2
01232200	VK4JH wkg Brisbane, Bilambil		VK3S1
01232200	VK4RGG > N QLDNS		B VK4
01240200	VK4BRM working south (QH30) H		VK3S1
01240200	VK4JH, VK4DO in QSO (Tropo)		VK3S1
01240200	VK4LE 5x5 working VK4JH		VK3S1
01240300	VK4BRG QG26 559	50.0775	B VK3S1
01240330	VK4ABP Longreach > QF02wh		VK3S1
01240330	VK4JH still in working VK2		B VK3S1
01250500	VK4AFL 59+ wkg VK3		H VK3OT
01250500	VK4RGG 599 > QF12ag -0800		B VK3OT
01250530	VK4JH Townsville wkg VK2YO		H VK3OT
01250715	VK4JSR		VK3OT
01250800	VK4KK 5wg VK7GUH 50.140		B VK3OT
01251100	VK4RGG 539 by scatter		B VK3OT

South Australia-VK5

12120218	VK5WO		EL2AGI	
12150443	VK5PO		EL2AGI	
12150448	VK5HA		EL2AGI	
12150542	VK5AKK		EL2AGI	
12210155	VK5PO		EL3NE	
12232240	VK5PO,	2248	VK5RO	EL2AGI
12240350	VK5PO		EL3NE	
12250330	VK5PO	59 >MELBOURNE	50.130	VK3OT
12252345	VK5RA	58/56	S EL3TY	
12260000	VK5ATH		EL3NE	
12260010	VK5RO	53/55	S EL3TY	
12260130	VK5HS		EL3NE	
12260428	VK5PO	55/55	S EL3TY	
12270400	VK5/VK3	Backscatter	VK3OT	
01020450	VK5PO	BS fm N	55 50.160	S VK3OT
0104XXXX	VK5AKK	VVK5UBJ	EL1AKW/EL1TMF/EL2WNB	
0104XXXX	VK5RO	,VK5PO	BY EL1AKW/EL1TMF/EL2WNB	
01061040	VK5BC	55A from South	VK3OT	
01061054	VK5EBK	59- PF950	50.150 S VK3ALM	
01070100	VK5BC	539	B/S VK3OT	
01122300	-VK5PO		VK3OT	
01122317	VK5BC	BS clg CQ	50.111 H VK3OT	
01130214	VK5		VK6AO/RC	
01150330	VK5BC	BS CQ	VK3OT	
01200930	VK5BC	559 BS fm N	B VK3OT	
01220940	VK5BC	539 BS QF05	50.110 H VK3OT	

West Australia-VK6

01120216	VK6ACY	59-	OF78	50.190	S	VK3ALM	
01120210	VK6AO	59-	OF77	50.150	S	VK3ALM	
01120226	VK6APE	57-	PF06	50.160	S	VK3ALM	
011080310	VK6HK	---	OF78	50.150	S	VK3ALM	
01101030	VK6HK	41-	OF78	50.150	S	VK3ALM	
01120220	VK6HK	59-	OF78	50.175	S	VK3ALM	
01101030	VK6KAT	41-	OF78	50.150	S	VK3ALM	
01120213	VK6KDX	59-	OF78	50.120	S	VK3ALM	
01101035	VK6KRC	55	OF78	50.125	S	VK3ALM	
01120240	VK6RBU	529	OF76	50.306	B	VK3ALM	
01120212	VK6RGO	59-	OF77	50.110	S	VK3ALM	
01120215	VK6RPH	579	OF88	50.066	B	VK3ALM	
02080328	VK6GAPZ	34/54			S	EL3TY	
0104XXXX	VK6BE		BY	ZL1ARW/ZL1TME/ZL2WEB			
01070300	VK6KAT	55	wkg	VK3	50.140	B	VK3OT
01070310	VK6HK	57	Don	Perth	50.170		VK3OT
01070310	VK6RPH	559	Perth	WA50.	0.065		VK3OT
01070335	VK6GAPZ	59	PFO6		50.150		VK3OT
1130130	VK6	(ABW-2)	Perth	64.2498	V	VK3OT	
1130130	VK6KDX	VK6ACY				VK1	
1130214	VK6ACY	25w			50.220	VK3OT	
1130214	VK6RBU	Bunbury			50.306	B	VK3OT
1130214	VK6RPO	c1g	CQ	SL	50.110	H	VK3OT
1130230	VK6HK				50.175		VK3OT
1130250	VK6RBU	Bunbury	319		50.306	B	VK3OT
1130250	VK6RPH	Perth	WA	559	50.066	B	VK3OT
1130300	VK6KRC	55	c1g	CQ	50.110	H	VK3OT
1150245	VKGAPZ	55	PFO6	Espereance			VK3OT
1150300	VKGAPZ	59	wkg	VK3YEDE50.110	H		VK3OT

Australia-Tasmania-VK7

2070754	VK7XR	58/58	S	EL3TY
2070856	VK7XR			EL2AGI
2070908	VK7EII			EL2AGI
2250245	VK7RAE	519 QE38 BS	50.057	B VK3OT
2250310	VK7RAE	559	50.057	B VK3OT
2250330	VK7EII	55 WKG H VK2	50.150	H VK3OT
2260920	VK7XR	59/59		S EL3TY
2270020+VK7RAE		529		B EL3TY
2270400	VK7RAE	519 BScatter	50.057	B VK3OT
0200300	VK7RAE	QE38 BS 529	50.0575	C VK3OT
0201100	VK7LX	QE38 BS 529	50.111	C VK3OT
030745	VK7-TV3	559 MBarrow	86.200	V VK3OT
030745	VK7RST	579 Hobart	52.370	VK3OT
030745	VK7XR	59 wkg VK1	50.140	VK3OT
0308820	VK7AB	55	50.110	VK3OT
031100	VK7GUR	55 Wkg VK4JSR	50.110	H VK3OT
031105	VK7GUR	Wkg VK4PU	50.1315	VK3OT
060715	VK7RAE	BS E 539	50.057	B VK3OT
060715	VK7RST	Hobart 339	52.370	VK3OT
060720	VK7	59 QE38 500km	50.120	VK3OT
060720	VK7	59 QE38 500km	50.120	VK3OT

Reports of South America

ARGENTINA

01020900 LU9EHF FF95 -1100 50.0155 B ER6VE

BRAZIL: February 8-12 two Brazilian Islands, Furado and Frances will be QRV on "all bands SSB/CW" with calls ZY3CEJ (Furado) and ZZ0Z, ZW0Z, and ZX0Z (Frances). Among the suggested frequencies was 50100 for both CW & SSB.

Attn: All SMIRK Members

The following message was posted on the Internet on January 23, 1997.

HELP—

We are in the mist of making a membership list which will contain over 6000 members with call sign, address and smirk numbers. This new list will be a program that you can search for smirk members by either call sign or smirk number. before we can finish this list we need your help.

If you have changed your call sign in the past 20 years or more and if your old call sign is listed in either Buckmasters or QRZ callbook on line and it comes up with "no data found" we would like you to send us an e-mail with the correct call and your Smirk number, so we can update the Smirk membership list. We have experienced that over 150 call signs so far have come up with "no data found". We have experienced that 20-30 of these 150 have new calls that we were unaware of. We do not want to make any mistakes with your call sign that other members might think you don't exist.

Please email any changes.
(ka0nno@cswnet.com)

Thank you.
73's George and Lisa
NOEOQ KA0NNO---EM24

DX-peditions in planning

VE9AA is planning a DX-pedition to St. Paul Island June 13-21, 1997. The call will be CY9AA, and bands operated will be 160m through 2m. The operator lineup so far is VE9AA, VE1PZ, and K7BV. There may be room for one more operator (willing to pay his own way).

Jack, WA1CFS, is organizing a "serious" activity (CW, SSB, RTTY), all bands 10-160m, and 2 and 6m from St. Pierre et Miquelon (FP) in August.

The newly founded Oceania Radio DX Group is planning an (HF) activity from Willis Is. in 1997. Any chance we could get a mole into that group?

01062145 VK7RAE	51/55 Tr/MS	50.057 B	VK3OT
01062215 VK7-TV2	57 Hobart?	64.260 V	VK3OT
01062215 VK7-TV3	59	86.200 V	VK3OT
01062230 VK7LS	55	50.110 V	VK3OT
01070045 VK7LS	55 450km	50.057 B	VK3OT
01070115 VK7AN	59 Short skip	VK3OT	
01122230 VK7RAE	BS 559	50.057 B	VK3OT
01122230 VK7AN	BS wkg VK4	50.130 H	VK3OT
01140500 VK7RAE	519	50.057 B	VK3OT
01201015 VK7GUM	on b-scatter	VK3OT	

Australia-Northern Territory-VK8

12250425 VK8RAS	559 PG66Alice	50.047 B	VK3OT
12260400 VK8RAS	559	50.0475 B	VK3OT
12260600 VK8GF	PG66 AliceSpr	50.110 H	VK3OT
12260600 VK8VF	529 CLG CQ	50.110 H	VK3OT
12260600 VK8RAS	519 to Adelaide	VK3OT	
12260610 VK8GF	55	50.120 S	VK3OT
01120247 VK8RF	52- PR57	50.110 S	VK3ALM
01122300 VK8RAS	Alice Spr59	50.047 B	VK3OT
01122320 VK8RAS		VK4	
01122320 VK8RAS	559 50.0475 B	VK3OT	
01122330-VK8VF	VK4RGG DIRECt	50.058 B	VK3OT
01150245 VK8RAS	55 PG66 Alice	50.047 B	VK3OT
01180200 VK8RAS	PG66	50.046 B	VK3OT
01180610 VK8RAS	PG66 559	50.0475 B	VK3OT
01220200 VK8RAS		50.0475 B	VK38IX

GUAM

01040345 KH2JU >QL17 50.125 S JD1BFP

HAWAIIAN IS.

12270630 KH0N	2 HI -1220 CD	55.26 V	EK1AA
12281030 KH0N	2 HI -1230 CD	55.26 V	EK1AA
12291515 KH0N	2 HI -1550	55.26 V	EK1AA
12310720 KH0N	2 HI -1140	55.26 V	EK1AA
01011505 KH0N	2 HI -1540	55.26 V	EK1AA
01020930 KH0N	2 HI -1430 CD	55.26 V	EK1AA
01031437 KH0N	2 HI weak EU	55.26 V	EK1AA
01010440 KH0N	2 HI -1600 EU	weak V	EK1AA
01130803 KH0N	2 HI -1003	55.26 V	EK1AA
01150923 KH0N	2 HI -1248 CD	55.26 V	EK1AA
01161435 KH0N	2 HI -1620 SU	55.26 V	EK1AA
01171449 KH0N	2 HI weak BU	55.26 V	EK1AA
01181535 KH0N	2 HI -1650 SU	55.26 V	EK1AA
01200803 KH0N	2 HI -1123 CD	55.26 V	EK1AA
01211439 KH0N	2 HI -1503 vy	weak V	EK1AA

INDONESIA

01140630 YB CB > Cairns 41. A VK4HT

MINAMI TORI SHIMA

12020322 JD1YBJ	50.110 C JH1WHS
12020328 JD1YBJ(JD1-M)	50.110 C JE2XBY

NEW CALEDONIA

12142310 FK8GN	EL3NE	
12240310 FK8BG	EL3NE	
01010230 FK8EB	RG37 52 50.110 S	VK3OT
01020245 FK8EB	RG37 55 50.125 S	VK3OT

NEW ZEALAND

12070546 EL3NE	59/59	S EL3TY
12220630 EL ch1	>PM63	45.25 V JA5CMO
12230400 EL ch1	45.24/45.25/45.26	V JA5CMO
12230400 EL ch1	> QM05	45.25 V JA1VOK
12242150 EL3NW	55 RE66 >QF02	50.110 VK3OT
12242200 EL3SIX	52 RE66-QF02	50.040 B VK3OT
12242300 EL TV	599 45.25-/24.45/26	V VK3OT
12242330 EL3TIC	57	50.110 H VK3OT
12242331 EL3NW	57 WKG VK3	50.110 H VK3OT
12250030 EL-TV2	529 SCATTER	55.2396 V VK3OT
12250030 EL3SIX	519 SCATTER	50.040 B VK3OT
12250047 EL3NE	55 WKG VK2BRG	50.120 H VK3OT
12250100 EL2MHB	519	51.030 B VK3OT
12250200 EL-TV1	55 NICAM	51.000 D VK3OT
12250240 EL-TV1	59+ NICAM	45.260 D VK3OT
12250240 EL1THQ	WKG VK2BRG	50.110 H VK3OT
12250240 EL3NE	55 WKG VK1	50.120 H VK3OT
12250250 EL-TV2	559	55.2396 V VK3OT
12250250 EL?	559 50Hz	55.2629 V VK3OT
12250250 EL?	559 55.2500/55.2502	V VK3OT
12250300 EL-TV2	539 E2 55.2398/240	V VK3OT
12250300 EL-TV3	539 E3	62.2502 V VK3OT
12250320 EL-TV3	559	62.240 V VK3OT
12250425 EL-TV Spur	559	49.681 V VK3OT
12250530 EL-TV1	599+ 45.24/45.2604	V VK3OT
12250530 EL-TV2	55.24/-25.26	V VK3OT
12250600 EL-TV Spur	599	49.681 V VK3OT
12250600 EL-TV1	55 NICAM	51.0/100 D VK3OT
12250600 EL-TV1	59+	50.740 F VK3OT
12250600 EL-TV1, TV2, QSB DM	55.2396	V VK3OT
12260000 EL-TV1	59+	46.172 V VK3OT
12260030 EL-TV1	319	45.240/45.250 V VK3OT
12260400 EL-TV1	Wellington	45.250 V VK3OT
12262145 EL-TV1	45.24/45.25/45.26	V VK3OT
12262215 EL-TV2	55/24/55.25/25.2604	V VK3OT
12262215 EL-TV3		62.260 V VK3OT
12262215 EL3SIX	559 R66	50.040 B VK3OT
12270000 EL/2/3 59 WKG VK3/4		50.110 H VK3OT
12270000 EL2MQ	59	50.140 W VK3DUT
12270000 EL2TPY	59	50.130 W VK4AFL
12270100 EL-TV0	59+	50.750 F VK3OT
12270100 EL-TV0	NICAM	51.000 D VK3OT
12270100 EL-TV0	EL-TV0 59+ NICAM	51.000 D VK3OT
12270100 EL-TV1	55 55.2412/55.2500	V VK3OT
12270100 EL3SIX	559	50.040 B VK3OT
12270430 EL-TV1	519 BS fm NE	45.250 V VK3OT
12280355 EL ch1		45.25 V JA1VOK
12290500 EL-TV1, 2, 3	-0600 several	V EK1AA
01010000 EL-TV0	559	45.250 V VK3OT
01010250 EL-TV1		559 45.261 V VK3OT

01010250 EL-TV1	599 45.2604 V VK3OT
01010250 EL-TV1	519 45.250+/45.2396 V VK3OT
01020000 EL4LV	55 50.120 B VK3OT
01020145 EL-TV1 all	559 45.250+ V VK3OT
01020145 EL2MHR	599 28.230 B VK3OT
01030700 EL-TV3	559 62.2396/62.2496 V VK3OT
0103XXXK EL3TIC	EK1AAIC, EL3TCU 144 VK2DVZ
0103XXXK EL3TIC	EK1AAIC, EL3TCU 144 VK2SAE
0103XXXK EL3TIC	EK1AAIC, EL3TCU 144 VK2DVZ
0103XXXK EL3TIC	EK1AAIC, EL3TCU 144 VK2SAE
01060700 EL-TV1	559 45.2396/2400 V VK3OT
01060700 EL-TV1	559+ 50.740/750/760 F VK3OT
01060700 EL3ME Auckland	VK3OT
01060700 EL3UJ	59 50.110 VK3OT
01060710 EL-TV1	59 NICAM 51.000 D VK3OT
01060710 EL-TV1	59 Video Spur 49.680 V VK3OT
01060710 EL-TV2	559 55.2396/2400 V VK3OT
01060710 EL-TV3	33 67.740 V VK3OT
01060710 EL-TV3	559 62.250/62.2396 V VK3OT
01060710 EL3BIX	>1030 50.040 D VK3OT
01060730 EL-TV1	55+ NICAM 51.000 D VK3OT
01060730 EL2TPY	59 55.2396/2400 V VK3OT
01060730 EL3ME	59 Auckland 50.110 VK3OT
01060800 EL2MQ	58 RF80 50.125 B VK3ALM
01060800 EL3ME	59 50.130 V VK3OT
01060804 EL2IA	58- RF80 50.125 S VK3ALM
01060809 EL2TPY	59 RF70 50.135 S VK3ALM
01060815 EL-TV3	59+ 67.740 V VK3OT
01060825 EL1 K99 RTTY	51.030 B VK3OT
01060830 EL1LTHQ wkg VK7AN	59 50.120 B VK3OT
01060915 EL2AG1	58- EL3ADT 59 50.110 VK3OT
01060930 EL2TPY	wkg VK3LK 59 50.140 VK3OT
01061000 EL2AG1	wkg VK7XR 55 50.125 VK3OT
01061030 EL-TV1	59 all 50.750 F VK3OT
01061030 EL-TV1 all offsets	45.250 V VK3OT
01061030 EL-TV3	559 55.2396/55.2604 V VK3OT
01061030 EL-TV3	559 62.2400 V VK3OT
01061100 EL-TV1	559 62.260/62.2445 V VK3OT
01061100 EL-TV1	559+ 50.750 F VK3OT
01061100 EL3AAU	EL4TBH wkg VK7RR H VK3OT
01061100 EL3SIX	59 50.130 B VK3OT
01061200 EL RTTY	51.030 B VK3OT
01061200 EL3SIX beacon	599 -1300 B VK3OT
01061430 EL3SIX	519 R66 50.040 B VK3ALM
01062200 EL-TV1 all offsets weak	V VK3OT
01071145 EL TV Vid	S7 55.250 V VK3ALM
01071145 EL TV Vid	S9 45.240 V VK3ALM
01071145 EL3SIX	519 R66 50.040 B VK3ALM
01071214 EL4TBN	56- R54 50.140 S VK3ALM
01071219 EL3AAU	52- ---- 50.170 S VK3ALM
01122200 NTNTV Video	55 45.250 V VK3OT
01122215 EL-TV Vide	539 45.2396/2400 V VK3OT
01122215 EL-TV Vide	539 45.261/2604 V VK3OT
01122320 EL3NW	50.110 V VK5
01122335 EL3TY BS wkd 0005	50.150 S VK3OT
01130100 EL-TV 59+stereo	51.915 F VK3OT
01130100 EL-TV2 vy weak NE	55.250 V VK3OT
01130300 EL-TV1 599 Wellington	55.250 V VK3OT
01130430 EL-TV1 53 Wellington	50.75 F VK3OT
01140000 ELTV 519 F2/E B6	45.250 V VK3OT
01140000 ELTV 529	45.240 V VK3OT
01140100 ELTV BS fm NE	45.250 +/- V VK3OT
01140100 ELTV Direct	559 45.2396 V VK3OT
01140400 EL-TV 59+	45.2500 V VK3OT
01140400 ELTV 55	50.760 F VK3OT
01140435 EL-TV 35	45.2396 V VK3OT
01140440 EL-TV 59	50.750 F VK3OT
01140440 EL-TV 5A NICAM	51.000 D VK3OT
01140500 EL-TV2 519 SE	55.2396 V VK3OT
01140500 ELTV 519	45.2600 V VK3OT
01140630 EL-TV	67.750 F VK3OT
01140630 EL-TV 319	45.24/24.406/2406/261 V VK3OT
01140840 EL-TV	539 45.250 V VK3OT
0115XXXX EL-TV weak Es	V EK1AA
01200500-EL-TV1,2,3 multiple+ Es	V EK1AA
01200900 EL-TV	45.250/45.260 V VK3OT
01201135 EL-TV Scatter	45.250 V VK3OT
01202300 EL-TV1 59 all offsets	45.250 V VK3OT
01202335 EL3SIX R66 559	50.040 B VK3OT
01202345 EL-TV2 539	55.240 V VK3OT
01202730-EL-TV	(most) Es V EK1AA
01220740 EL-TV1 BS fm NE	45.250 V VK3OT
01220820 EL-TV1 559	45.24/250/250 V VK3OT
01220925 EL-TV	45.2600/2600/2502 V VK3OT
01220925 EL-TV 559 559 45.2500/2396	V VK3OT
01220925 EL-TV 55-59+ SOUND	50.760 F VK3OT
01220930 EL-TV1 55 diff pgrm	50.750 F VK3OT
01220930 EL-TV2 559	55.2396 V VK3OT
01250600 NE-TV1 weak 45.2610/45.240 V VK3OT	
01250730 NE-TV1 45.2500/2501/2604	V VK3OT
01250730 NE-TV1 539 BS NE 45.2396	V VK3OT

NICAM is New Zealand's digital stereo sound. Apparently it takes up quite a bit more bandwidth than the usual FM TV audio. I wonder if one or more of our readers "down under" could send us information on its characteristics sufficient to build a decoder for use here in the USA (on ZL-TV signals).

Beacon News

GB3RMK: (IO77UO) returned to the air on 50.060 MHz just before Christmas after being off the air since July for TX renovation. Many thanks to GM3WOJ the GB3RMK beacon keeper. 73s John G3UUT, RSGB VHF Beacon Co-ordinator

Marion Island, ZS8RI: the FM beacon on 50.450 MHz is still in continuous operation although it is presently transmitting into a dipole antenna favoring north and south. The tower holding the M2 6M5 came down in high winds and the beam is beyond repair with spares available locally. Although it is unknown at this time whether the new crew going to Marion Island in May will include an amateur operator, it is hoped that the beacon will stay on the island and remain in operation. If permission to leave the beacon is granted, a commercial grade vertical folded dipole will go down with the relief crew for installation by Chris before he leaves for home.

ZS0BDM: is a new experimental packet beacon on 50.750 MHz QRV daytime only (0300-1800Z). The antenna in use is a 5/8 vertical, the radio a Racal TR 71S with 2W FM. Eventually it will go to 50.800. It uses TPK 1.82. When connected, type /MSG to leave a message. Any reports would be welcome. There's also a BBS (ZS0BDM) on 50.750 MHz. Try to work the BBS as well. Reports on the ZS0BDM BBS to Louis, ZR6ABC@ZS0DLD.TVL.ZAF.AF Reports on the beacon to ZS6PVW@ZS6AI.TVL.ZAF.AF

W1RA: The beacon on 50.070 formerly identified as W2CAP/b is now identified as W1RA/b, Steve's new callsign. I replaced the ID EPROM at the site 9 January at about 2100 UT. Also checked the output power, which is just under 15 Watts. The vertically mounted folded dipole at 200 plus feet appears to be in excellent condition. BTW, the dipole is a relic originally manufactured circa 1958 by the long out of business Hi-Par Products Company of Fitchburg, Massachusetts. It has survived several bad storms and hurricanes since 1984. Wayne K1MUC

CS1ASP: Neil Carr, G0JHC, reports a new beacon from Portugal 300 Hz lower than CT0WW (50.030).

SW1WS: SW1AU, Phil, received 6m beacon set from ZL2TPY while Phil was in ZL last month and Phil is going to run SW1WS beacon on 50.050cw in AH46 with 10w output and 5el beam. The beacon is expected to be on the air by around January 18 according to Kerry. -tnx JA1VOK

YB0ZZ: beacon prepared by VK8RH was installed on 50.042 at Jakarta Repeater site in OI33 with GP at 20m high in December according to YC0UV. -tnx JA1VOK

WB4WTC: has been off the air since last spring, but Roger is planning to re-run the beacon with W4MW/B or W4VHF/B in FM06 by this summer Es season according to W4MW.

JG1ZGW: beacon is running on 50.490 in PM95 with 7el beaming west at present for local propagation research.

JR6YAG: beacon which has been off the air since last spring, was back on 50.037 with 6el in early January and was heard by Es at 0220z on Janauary 11. Antenna is going to be replaced with Turnstile by early February.

VK3SIX: VK3SIX beacon is restored 01/13/97 running 15 watts and beaming to North. Frequency is back to WIA FTAC assigned 50.053 and 28.253 (also 15 watts.) Antenna are directional 9 el for 6m at 100 feet and 5 el for 10m at 110 feet. Grid square is QF02wh site of Wannon Falls 300 km (197

road miles) from Melbourne Victoria Australia. (on the Hamilton to Mt Gambier highway.) The sole purpose of these beacons is to track the rising MUF and to highlight long distance propagation over selected external paths. Various effects are noted on the beacon locally when operating beams tip to tip at 20 km distance, including: 10M meteor bursts of extremely high amplitude (lesser on 50 Mhz) Aircraft enhanced signals on both 6 and 10M presumed side scatter, as I am not on a direct air route. E layer backscatter. F layer backscatter on 10m. de Sysop Steve VK3OT.

NSEAD: Beacon is back on for testing from EM-10, Austin, TX. It runs 4 Watts to a 5/8 Omni, vertical, at 50 Feet. Excellent horizon SW to N to SE. It can be found at 50.073 Mhz. 24 Hours.

K1IKN: is on 50.061 mhz. and runs at 25 watts into a vertical dipole. The antenna will be horizontal / omni directional at 80 feet in about two weeks (by the time you read this). The beacon is located in west greenwich R.I. at lat 41-37-19 long 71-33-31 ground elevation is 460 feet.

SE VHF Society Conference

The 1997 Southeastern VHF Society Conference will be held on Friday and Saturday, April 4 and 5, 1997 at the Atlanta Marriott Northwest Windy Hill located between Atlanta and Marietta, Georgia. The Marriott is located about 45 minutes from Atlanta Hartsfield International Airport. A special hotel room rate of \$69 per night plus tax is available for attendees. For reservations, call Marriott at 1-800-228-9290.

Jimmy Treybig, W6JKV, will be the Conference banquet speaker on Saturday evening. Jimmy is the founder and past president of Tandem Computers and is one of the world's leading experts on 50 MHz propagation.

The Conference Technical Program will include presentations by KA2DRH, K6QYX, WA4NJP, KM4YW, WC4X, WA4KXY and others. More details on the Technical Program will be available soon.

Conference registration is \$35, which includes a complete set of Conference Proceedings. The banquet fee for Saturday evening is \$30. A family program will be available featuring a CNN Center studio tour on Friday for \$12 including transportation, and admission to SciTrek, one of the top ten science centers in the nation, on Saturday for \$12 including transportation.

More Call Letter Changes

WB6ASR	W6IT	CM87 Gregory Campbell, Cupertino, CA
WB6RAL	W6MT	CM87 George Flammer, Cupertino, CA
W8UCI	W8GF	EN82 Gerald Fasse, Warren, MI

QSL Information

W6JKV: James Treybig, 10915 Bee Caves Rd, Austin, TX 78733

WA3HMK: Chris Patterson, 590 Valley Road, Lancaster, PA 17601-3418

K0CJ: Clair J. Robinson, 3308 Skyview Dr., Burnsville, MN 55337

K0BI: James M Roop, 2081 Lawson Blvd, Gurnee, IL 60031-1773

ON4KST: Stievenart Alain, Rue Bois du Prince 61, B-5640 Mettet, BELGIUM

G0JHC: Neil Carr, 15 Westlands, Leyland PR5 3XT Lancashire ENGLAND